

REMARKS

Claims 26-57 now stand in the application, the claims having been renumbered for clarity. Applicant notes with appreciation the allowance of claims 26-44 and 49-54, but respectfully requests reconsideration of the application and allowance of all claims in view of the above amendments and the following remarks.

Editorial amendments have been made to address the Section 112 issues raised by the examiner at pages 2-3 of the Office action.

The rejection of claims 45-48 and 55-56 for anticipation by Baker (USP 6,754,505) is respectfully traversed.

The present invention as defined in claims 45-48 is directed to that aspect of the disclosed invention whereby, in the event of a target value variation, an anticipated variation applied to the transmission power of the data channel, the transmission power of the control channel or the offset between the powers of the data and control channels, or some combination of those three values. Baker et al is directed to a power control algorithm wherein the transmission power is immediately adjusted after a transmission interruption. Baker et al does not discuss anticipatory variations as in the present invention. The examiner has directed applicant's attention to passages at columns 4 and 5, but these columns describe variation of step size, e.g., when an adjustment needs to be made and the adjustment is large, Baker et al uses large step sizes, i.e., adjustment intervals. But there is no suggestion that these adjustments are applied as *anticipatory* changes. Claim 45 clearly describes that an anticipated variation is applied to at least one of three parameters in response to detection of a target variation which will later lead to a corresponding variation. Thus, claim 45 applies the variation to one of these three variables

before that variable is modified by the control loop in response to target values variations. This is nowhere suggested in Baker et al.

Claims 46-48 describe further features of the invention not taught in Baker et al, but it should suffice to point out that these claims are dependent on claim 45 and are patentable for that reason.

The examiner points to lines 8-27 of column 3, but this passage merely describes what is illustrated in Figs. 5 and 6, including the use of different step size. There is no discussion of applying steps size adjustments ahead of time.

With regard to claim 55, that claim is directed to the feature whereby the downlink transmission power is controlled by the transmit station as a function of a transmission quality target value, with the target value variation being determined in accordance with signals sent on the uplink, and with a power offset being applied corresponding to the determined target value variation. Baker et al does not discuss reliance on upstream signals for adjustment of a downstream transmission power, nor does the art teach or suggest application of an offset to the downlink transmission power corresponding to a determined target value variation. The cited passages (lines 43-51 of col 22) describe how to determine an appropriate offset to apply to the transmission power when restoring it after an outage, but there is no discussion of transmission quality target values or target value variations, much less the subject matter of claim 55.

As is evident from the above discussion, the prior art does make adjustments, and applicant does not claim to cover this. But the prior art does not teach the determination of a transmission quality target value for the downlink power control in accordance with signals sent

on the uplink, and the application of a power offset to the downlink transmit power in accordance with the determined target value variation, as described in claim 55.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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